



or 5872623 or 5876605 or 5891656 or 5914042  
or 5922617 or 5942443 or 5965590 or 5965695  
or 5980704 or 5981297 or 5992820 or 6008031  
or 6013440 or 6023540 or 6037137 or 6048732  
or 6063581 or 6074616 ),pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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*Q. J. Hew* 6/20/05



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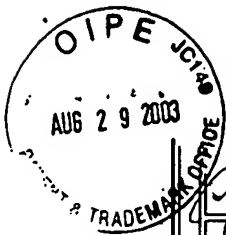
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### Remarks

Note: Remarks are not for responding to an office action.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert and Goetzel, P.C. Deposit Account No. 50-1505/5119-00543/EBM.

### Signature

Examiner Name	Date
<i>R. Row</i>	6/20/05



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

METHOD AND APPARATUS FOR THE CONFINEMENT OF  
MATERIALS IN A MICROMACHINED CHEMICAL SENSOR  
ARRAY

Application Number: 10/072800



Confirmation Number: 6961

First Named Applicant: John McDevitt

Attorney Docket Number: 5119-00543

Art Unit: 1645

Examiner: Unknown Unknown

Search string: ( 6083761 or 6103479 or 6127139 or 6171780  
or 6210910 or 6245296 or 6288220 or 6171489  
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## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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*Anty Lan 6/20/05*



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### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

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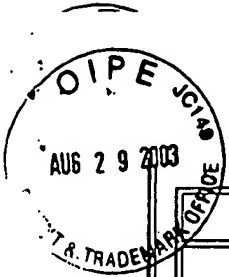
### Remarks

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Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert and Goetzel, P.C. Deposit Account No. 50-1505/5119-00543/EBM.

Signature

*Q/Ran* 6/20/05



Examiner Name	Date
<i>Quyen P. Le</i>	6/20/05



<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DKT. NO. 5119-00543  APPLICANT: McDevitt et al.  FILING DATE: January 31, 2002		SERIAL NO.: 10/072,800  GROUP: 1645 / 1641  CONFIRMATION NO: 6961		
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<b>FOREIGN PATENT DOCUMENTS</b>							
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al	A1	439,182	Apr-96	EP			
	A2	0 518 557-A2	Dec-92	EP			
	A3	2 315 131 A	Jan-98	GB			
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	A5	90/01069	Feb-90	WO			
	A6	92/00880	Jan-92	WO			
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	A8	98/40726	9/17/1998	WO			
	A9	98/53300	11/26/1998	WO			
	A10	99/17139	4/8/1999	WO			
	A11	99/18434	4/15/1999	WO			
	A12	10332593	12/18/1998	JP			
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
al	A13	International Search Report, Application No. PCT/US02/03275, mailed May 7, 2003.					
	A14	"Biosensors respond with colored light," Science News, Vol. 152, November 15, 1997, p. 317.					
	A15	Adler, M; Nicholson, J.D.; Hackley, B.E., Jr. "Efficacy of a novel metalloprotease inhibitor on botulinum neurotoxin B activity" FEBS Lett., 1998, 429, 234-238.					
	A16	Barany, F. PCR Methods and Applications, 1991, 1, 5-16.					
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	A21	Grate et al., "Hydrogen Bond Acidic Polymers for Surface Acoustic Wave Vapor Sensors and Arrays," Analytical Chemistry, Vol. 71, No. 5, March 1, 1999, pp. 1033-1040.					

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Information Disclosure Statement--PTO 1449 (modified)

**Form PTO-1449** (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DKT. NO. 5119-00543

SERIAL NO.: 10/072,800

APPLICANT: McDevitt et al.

GROUP: 1645 (241)

FILING DATE: January 31, 2002

CONFIRMATION NO: 6961

## U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

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## U.S. PATENT DOCUMENTS

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	A40	Kondo, K.; Shiomi, Y.; Saisho, M.; Harada, T.; Shinkai, S. Tetrahedron. 1992, 48, 8239-8252.
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<i>A</i>	A56	Sandanayake, K.R.A.S.; Nakashima, K.; Shinkai, S.J., Chem. Soc., Chem. Commun. 1994, 1621-1622.

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO. 5119-00543	SERIAL NO.: 10/072,800
	APPLICANT: McDevitt et al.	GROUP: 1645
	FILING DATE: January 31, 2002	CONFIRMATION NO: 6961

## U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

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A57	Sandanayake, K.R.A.S.; Shinkai, S.J. Chem. Soc., Chem. Commun. 1994, 1083-1084.
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A59	Shinkai, S.; Tsukagohsi, K.; Ishikawa, Y.; Kunitake, T.J. Chem. Soc. Chem. Commun. 1991, 1039-1041.
A60	Shiomi, Y.; Saisho, M.; Tsukagoshi, K.; Shinkai, S.J. Chem. Soc. Perkin Trans I 1993, 2111-2117.
A61	Shone, C.C.; Roberts, A.K., "Peptide substrate specificity and properties of the zincendopetidase activity of botulinum type B neurotoxin", Eur. J. Biochem., 1994, 225, 263-270.
A62	Soleihac, J.-M.; Cornille, F.; Martin, L.; Lenoir, C.; Fournie-Zaluski, M.-C.; Roques, B.P. "A sensitive and rapid fluorescence-based assay for determination of tetnus toxin peptidase activity: Anal. Biochem., 1996, 241, 120-127.
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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)				ATTY. DKT. NO. 5119-00543  APPLICANT: McDevitt et al.  FILING DATE: January 31, 2002		SERIAL NO.: 10/072,800  GROUP: 1645/641  CONFIRMATION NO: 6961	
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	F1	6039889 B1	10/30/2001	Cutler et al.			
	F2	4681742	07/21/1987	Johnson et al.			
	F3	2001/002984	07/07/2001	Vetter			
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
 	F4	01/55701	8/2/2001	WO			
	F5	94/19690	9/1/1994	WO			
	F6	01/28681	4/26/2001	WO			
	F7	00/20117	4/13/2000	WO			
	F8	99/67024	12/29/1999	WO			
	F9	2 300 258	10/30/1996	GB			
	F10	339 623	11/2/1989	EP			
	F11	00/4372	7/27/2000	WO			
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							

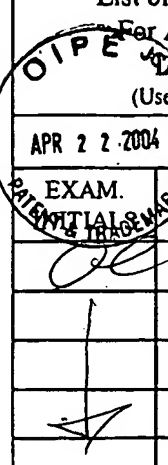
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U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
[Signature]	AB1	5854684	12/29/1998	Stabile et al.			
[Signature]	AB2	5945334	8/31/1999	Besemer et al.			
[Signature]	AB3	5637469	6/10/1997	Wilding et al.			
[Signature]	AB4	5677195	10/14/1997	Winkler et al.			

FOREIGN PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
[Signature]	AB5	98/25701	6/18/1998	WO			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
[Signature]	AB6 International Search Report for PCT/US99/16162 mailed November 26, 1999.
[Signature]	AB7 International Search Report for PCT/US00/19302 mailed February 22, 2001.
[Signature]	AB8 International Search Report for PCT/US00/19351 mailed February 22, 2001.
[Signature]	AB9 International Search Report for PCT/US00/19350 mailed February 22, 2001.
[Signature]	AB10 International Search Report for PCT/US01/03141 mailed October 19, 2001.
[Signature]	AB11 International Search Report for PCT/US01/03139 mailed May 7, 2001.
[Signature]	AB12 International Search Report for PCT/US01/03240 May 7, 2001.
[Signature]	AB13 International Search Report for PCT/US01/03241 mailed May 7, 2001.
[Signature]	AB14 International Search Report for PCT/US02/3277 mailed February 13, 2003.
[Signature]	AB15 International Search Report for PCT/US02/3275 mailed May 7, 2003.
[Signature]	AB16 International Search Report for PCT/US03/12951 mailed October 14, 2003.
[Signature]	AB17 International Search Report for PCT/US03/23131 mailed December 12, 2003.

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Information Disclosure Statement--PTO 1449 (modified)

**Form PTO-1449** (modified)

List of Patents and Publications

For Applicant's Information

Disclosure Statement

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ATTY. DKT. NO. 5119-00543

APPLICANT: McDevitt et al.

FILING DATE: January 31, 2002

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**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
<i>AB</i>	AB18	01/06239	01/25/2001	WO	<del> </del>	<del> </del>	

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DKT. NO. 5119-00543 APPLICANT: McDevitt et al. FILING DATE: January 31, 2002			SERIAL NO.: 10/072,800 ART NO.: 1645-1641 CONFIRMATION NO.: 6961		
<b>U.S. PATENT DOCUMENTS</b>								
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AC1	5587128	12/24/1996	Wilding et al.				
	AC2	5985120	11/16/1999	Cholli et al.				
<b>FOREIGN PATENT DOCUMENTS</b>								
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AC3	Dickinson et al., "Convergent, Self-Encoded Bead Sensor Arrays in the Design of an Artificial Nose", Anal. Chem., June 1, 1999, vol. 71, no. 11, pp. 2192-2198.						
	AC4	Written Opinion, Application No. PCT/US99/16162, mailed May 2, 2000.						
	AC5	International Preliminary Examination Report, Application No. PCT/US99/16162, mailed October 12, 2000.						
	AC6	International Preliminary Examination Report, Application No. PCT/US00/19302, mailed October 12, 2001.						
	AC7	International Preliminary Examination Report, Application No. PCT/US00/19351, mailed August 14, 2001.						
	AC8	International Preliminary Examination Report, Application No. PCT/US00/19350, mailed August 14, 2001.						
	AC9	Examiner's Report, Australian Application No. 53165/99, mailed May 2, 2002.						
	AC10	Examiner's Report, Australian Application No. 53165/99, mailed May 5, 2003.						
	AC11	International Search Report Application No. PCT/US01/03316, mailed May 7, 2001.						
	AC12	Written Opinion, Application No. PCT/US01/03240, mailed January 22, 2002.						
	AC13	International Preliminary Examination Report Application No. PCT/US01/03240, mailed June 6, 2002.						
	AC14	Office Communication, European Application No. 00975164.5, mailed June 4, 2003.						
	AC15	Office Communication, European Application No. 00975164.5, mailed February 11, 2004.						
	AC16	Examiner's Report, Australian Application No. 13255/01, mailed September 3, 2003.						
	AC17	Office Communication, European Application No. 01905306.5, mailed January 23, 2003.						
	AC18	Office Communication, European Application No. 01905306.5, mailed February 16, 2004.						

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Information Disclosure Statement--PTO 1449 (modified)



**Form PTO-1449** (modified)List of Patents and Publications  
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ATTY. DKT. NO. 5119-00543

APPLICANT: McDevitt et al.

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**U.S. PATENT DOCUMENTS**

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**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AC19	European Search Report, Application No. 02713535.9-2404-US0203275, mailed February 18, 2004.
	AC20	Written Opinion, Application No. PCT/US03/23131, mailed February 24, 2004.
	AC21	International Preliminary Examination Report, Application No. PCT/US03/23131, mailed May 18, 2004.
	AC22	Office Action for U.S. Application No. 09/287,248 mailed May 9, 2001.
	AC23	Office Action for U.S. Application No. 09/287,248 mailed January 2, 2002.
	AC24	Office Action for U.S. Application No. 09/287,248 mailed May 2, 2002.
	AC25	Office Action for U.S. Application No. 09/287,248 mailed August 12, 2002.
	AC26	Office Action for U.S. Application No. 09/287,248 mailed March 11, 2003.
	AC27	Office Action for U.S. Application No. 09/287,248 mailed August 18, 2003.
	AC28	Office Action for U.S. Application No. 09/287,248 mailed February 24, 2004.
	AC29	Office Action for U.S. Application No. 09/354,882 mailed October 3, 2001.
	AC30	Office Action for U.S. Application No. 09/354,882 mailed May 8, 2002.
	AC31	Office Action for U.S. Application No. 09/354,882 mailed January 17, 2003.
	AC32	Office Action for U.S. Application No. 09/616,355 mailed March 15, 2002.
	AC33	Office Action for U.S. Application No. 09/616,355 mailed August 13, 2002.
	AC34	Office Action for U.S. Application No. 09/616,482 mailed October 3, 2001.
	AC35	Office Action for U.S. Application No. 09/616,482 mailed March 27, 2002.
	AC36	Office Action for U.S. Application No. 09/616,482 mailed August 1, 2002.

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APPLICANT: McDevitt et al.

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ART NO.: 1645

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	AC37	Office Action for U.S. Application No. 09/616,731 mailed June 28, 2004.
	AC38	Office Action for U.S. Application No. 09/775,342 mailed October 2, 2002.
	AC39	Office Action for U.S. Application No. 09/775,342 mailed February 14, 2003.
	AC40	Office Action for U.S. Application No. 09/775,342 mailed August 13, 2002.
	AC41	Office Action for U.S. Application No. 09/775,340 mailed July 29, 2002.
	AC42	Office Action for U.S. Application No. 09/775,340 mailed October 25, 2002.
	AC43	Office Action for U.S. Application No. 09/775,340 mailed April 22, 2003.
	AC44	Office Action for U.S. Application No. 09/775,344 mailed April 16, 2004.
	AC45	Office Action for U.S. Application No. 09/775,353 mailed February 5, 2002.
	AC46	Office Action for U.S. Application No. 09/775,353 mailed October 2, 2002.
	AC47	Office Action for U.S. Application No. 09/775,048 mailed February 6, 2002.
	AC48	Office Action for U.S. Application No. 09/775,048 mailed September 17, 2002.
	AC49	Office Action for U.S. Application No. 09/775,048 mailed February 5, 2003.
	AC50	Office Action for U.S. Application No. 09/775,343 mailed May 10, 2004.
	AC51	Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarray", SPIE, 1998, vol. 3270, pp. 34-41.

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